

Notice of Allowability**Application No.**

10/099,928

Examiner

Joseph Lauture

Applicant(s)

ESBENSEN, DANIEL

Art Unit

2819

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/12/2002.
2. ☒ The allowed claim(s) is/are 1-23 and 25-27.
3. ☒ The drawings filed on 12 March 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 21103
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 42204
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Stephen Leblanc on 04/22/2004.

In claim 1, line 5, delete "original value" and insert --secondary value from said original value, said secondary value representing that portion of said original value not represented by said two or more digit integer result--.

In claim 1, line 6; after "c" and before "until", insert -- and at the beginning of each repetition setting said original value to said secondary value--.

In claim 1, line 8, and claim 7, line 10; delete "a final secondary original" and insert --said secondary--.

In claim 2, line 2; delete "number" and insert --value--.

In claim 3, lines 3-4; delete "a secondary original" and insert --said secondary--.

In claim 7, lines 7 and 8; delete "original".

In claim 7, line 10; delete "a final secondary original" and insert --said secondary--.

In claims 8,9 and 10; delete "claim 1", and insert --claim 7--.

In claim 11, line 3; delete "for" and insert --of--.

In claim 11, line 6; delete "static".

In claims 12,13 and 14; delete "further".

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In claim 21, line 4; between "secondary" and "value", delete "original".

In claim 21, line 4; after "value", insert --from said original value, said secondary value representing that portion of said original value not represented by said two or more digit integer result--.

In claim 22, line 4; after "routine", insert --, and further comprising: constructing a look-up table during run-time execution of an application in an application memory space of said computer wherein said look-up table is indexed by a value and wherein entries in said look-up table represent two or more display codes corresponding to an indexed value; and, establishing a function logic routine for converting binary encoded numerical values and using said look-up table to determine display codes for said values—

Cancel claim 24.

In claim 26, lines 6,7 and 9; delete "original".

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: the prior arts of record fail to teach a method of determining character codes for a binary encoded numerical original value using an information processing apparatus comprising inter alia: dividing said original value by a divisor that will produce two or more digit integer result; using said two or more digit result to determine two or more display codes; determining a secondary value from said original value, repeating the above steps, and at the beginning of each repetition, setting set original value to said secondary value, until said secondary value represents less than a predetermined number of digits; and, using said secondary value to determine a final two or more display codes.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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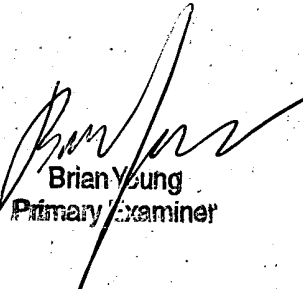
CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph Lauture, whose telephone number is (571) 272-1805. The examiner can normally be reached Monday thru Friday between 9:30 am and 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Tokar can be reached at (571) 272-1812. The fax number for the organization to which this application is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is (571) 272-1562.

Joseph Lauture
Group: 2819
Date: 04/23/2004


Brian Young
Primary Examiner